CLAIM AMENDMENTS

1. **(Currently Amended)** <u>A method comprising:</u> ~~One or more computer-readable storage media comprising processor-executable instructions configured for:~~

receiving an instruction specifying additional per-frame DV metadata to extract from a DV data stream<u>, wherein the instruction comprises at least one of</u>:

<u>an AddPack call to add the DVPackID to an extraction list;</u>

<u>a RemovePack call to remove the DVPackID from the extraction list; or</u>

<u>a RemoveAllPacks call to remove all DVPackIDs from the extraction list;</u>

<u>and</u>

extracting the metadata from a DV frame of the DV data stream in response to the instruction~~; and~~<u>, wherein the extracting comprises:</u>

~~wherein the extracting comprises:~~

determining a DVPackID from an extraction list; and

identifying the metadata within the DV frame based on the DVPackID.

2. **(Currently Amended)** <u>A method</u> ~~The one or more computer-readable storage media~~ as recited in claim 1, further comprising ~~processor-executable instructions configured for~~:

storing the metadata in a container; and

attaching the container to a video sample of the DV frame.

3. **(Canceled)**

4.   (Currently Amended) <u>A method as recited in claim 1,</u> ~~The one or more computer-readable storage media as recited in claim 3,~~ further comprising ~~processor-executable instructions configured for~~:

returning a number indicating an amount of DVPackIDs present in the extraction list in response to a GetCount call; and

returning a DVPackID at an index in the extraction list in response to a GetPackID call that specifies the index.

5. (Canceled)

6.   (Currently Amended)   <u>A method</u> ~~The one or more computer-readable storage media~~ as recited in claim 2, further comprising ~~processor-executable instructions configured for~~ managing the container.

7. (Currently Amended) <u>A method</u> ~~The one or more computer-readable storage media~~ as recited in claim 6, wherein the managing the container comprises:

adding a DV_METADATA structure to the container in response to an Add call;

removing a DV_METADATA structure from the container in response to a Remove call;

removing all items from the container in response to a RemoveAll call;

returning a number indicating an amount of items present in the container in response to a GetCount call;

locking the container for exclusive access in response to a Lock call;

unlocking the container in response to an Unlock call;

retrieving an item from the container at a beginning index of the container in response to a GetFirst call; and

retrieving an item from the container at a next index of the container in response to a GetNext call.

8.   **(Currently Amended)**   A method ~~The one or more computer-readable storage media~~ as recited in claim 7, wherein the DV_METADATA structure comprises an unpacked version of a DV metadata pack.

9. **(Currently Amended)** A method ~~The one or more computer-readable storage media~~ as recited in claim 8, wherein the DV_METADATA structure comprises:

binary values unpacked from the DV metadata pack; and

a different variable name associated with each binary value.

10.   **(Currently Amended)** A method as recited in claim 1, further comprising: ~~The one or more computer-readable storage media as recited in claim 2, further comprising processor-executable instructions configured for:~~

demultiplexing the DV frame to generate the video sample and an audio sample.

11. **(Canceled)**

12.   (Currently Amended) <u>A method comprising:</u> ~~One or more computer-readable storage media comprising processor-executable instructions configured for:~~

managing a DV metadata extraction list; and

extracting a DV metadata pack from a DV frame based on a DVPackID within the extraction list<u>, wherein the extracting includes:</u>

<u>identifying the DV metadata pack in the DV frame through a header in the DV metadata pack that contains the DVPackID; and</u>

<u>pulling the DV metadata pack out of the DV frame.</u>

13.   (Currently Amended) <u>A method</u> ~~The one or more computer-readable storage media~~ as recited in claim 12, further comprising ~~processor-executable instructions configured for~~ storing the DV metadata pack into an IMFDVMetadataContainer.

14.   (Currently Amended) <u>A method</u> ~~The one or more computer-readable storage media~~ as recited in claim 13, further comprising ~~processor-executable instructions configured for~~ attaching the IMFDVMetadataContainer to a DV sample of the DV frame.

15.   (Currently Amended) <u>A method</u> ~~The one or more computer-readable storage media~~ as recited in claim 13, further comprising ~~processor-executable instructions configured for~~ unpacking the DV metadata pack into a DV pack-specific data structure.

16.   **(Currently Amended)** A method ~~The one or more computer-readable storage media~~ as recited in claim 15, further comprising ~~processor-executable instructions configured for~~ storing the DV pack-specific data structure into the IMFDVMetadataContainer.

17.   **(Currently Amended)** A method ~~The one or more computer-readable storage media~~ as recited in claim 15, wherein the DV pack-specific data structure comprises:

binary values unpacked from the DV metadata pack; and

a different variable name associated with each binary value.

18.   **(Currently Amended)** A method ~~The one or more computer-readable storage media~~ as recited in claim 12, wherein the managing comprises:

adding a DVPackID to the extraction list in response to an AddPack call;

removing a DVPackID from the extraction list in response to a RemovePack call;

removing all DVPackIDs from the extraction list in response to a RemoveAllPacks call;

returning a number indicating an amount of DVPackIDs present in the extraction list in response to a GetCount call; and

returning a DVPackID at an index in the extraction list in response to a GetPackID call that specifies the index.

19. (Canceled)

20. (Currently Amended) A method ~~The one or more computer-readable storage media~~ as recited in claim 13, further comprising ~~processor-executable instructions configured for~~ managing the IMFDVMetadataContainer.

21. (Currently Amended) A method ~~The one or more computer-readable storage media~~ as recited in claim 20, wherein the managing the IMFDVMetadataContainer comprises:

adding a DV_METADATA structure to the IMFDVMetadataContainer in response to an Add call;

removing a DV_METADATA structure from the IMFDVMetadataContainer in response to a Remove call;

removing all items from the IMFDVMetadataContainer in response to a RemoveAll call;

returning a number indicating an amount of items present in the IMFDVMetadataContainer in response to a GetCount call;

locking the IMFDVMetadataContainer for exclusive access in response to a Lock call;

unlocking the IMFDVMetadataContainer in response to an Unlock call;

retrieving an item from the IMFDVMetadataContainer at a beginning index of the IMFDVMetadataContainer in response to a GetFirst call; and

retrieving an item from the IMFDVMetadataContainer at a next index of the IMFDVMetadataContainer in response to a GetNext call.

22. (Canceled)

23. (Currently Amended) A method comprising:

receiving an instruction to extract DV metadata from a DV data stream;

extracting the metadata from the DV data stream in response to the instruction;

storing the metadata in a container; [[and]]

attaching the container to a video sample of the DV data stream; and

managing access to the container according to method calls on a container application programming interface (API).

24. (Canceled)

25. (Currently Amended) A method comprising:

managing DVPackIDs in a DV metadata extraction list based on method calls to a metadata extraction API (application programming interface); [[and]]

extracting a DV metadata pack from a DV frame based on a DVPackID within the extraction list;

unpacking the DV metadata pack into a DV pack-specific data structure;

storing the DV metadata pack and the DV pack-specific data structure in a container;

attaching the container to a video sample of the DV frame; and

managing access to the container based on method calls to a container API.

26-29. (Canceled)

30. (Previously Presented) A computer comprising:

a DV metadata extraction tool configured to extract metadata from a DV frame and enable access to the metadata, the DV metadata extraction tool comprising:

an extraction interface configured to maintain an extraction list of DVPackIDs in response to method calls from an application and to store DV packs in a container based on the extraction list of DVPackIDs; and

a container interface configured to store a DV pack-specific data structures in the container and to manage access to DV packs and DV pack-specific data structures in response to method calls from the application; and

a multimedia architecture that includes the DV metadata extraction tool.

31. (Canceled)

32. (Currently Amended) A computer comprising:

means for managing a DV metadata extraction list; [[and]]

means for extracting a DV metadata pack from a DV frame based on a DVPackID within the extraction list; and

means for storing the DV metadata pack into an IMFDVMetadataContainer.

33. (Canceled)

34. (Currently Amended) A computer as recited in ~~claim 33,~~ claim 32, further comprising means for attaching the IMFDVMetadataContainer to a DV sample of the DV frame.

35. (Currently Amended) A computer as recited in ~~claim 33,~~ claim 32, further comprising:

means for unpacking the DV metadata pack into a DV pack-specific data structure; and

means for storing the DV pack-specific data structure into the IMFDVMetadataContainer.

36-54. (Canceled)